

John C. Weaver-Rodriguez
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Education

University of Texas at Austin (2016-2020) – AB History (Journalism minor) 3.4 GPA

UT Coding Bootcamp (2022-2023)

- Learned the fundamental concepts of web development including HTML, CSS, and JavaScript
- Worked with servers, databases, and other back-end technologies like Node.js.
- Convert traditional web applications into progressive web apps.
- Understanding of relational databases like MySQL, and MongoDB.
- Knowledge of server management, and deployment using services like Heroku.
- Use of agile methodology to create quick and functional apps.

UTeach (2018-2020)

- Program for training teachers through the University of Texas at Austin.
- Worked as a student teacher for four semesters in elementary, middle, and high school settings.
- Graduate speaker for my history co-hort.
- Earned a History Certificate for grades 7-12

Experience

Technology Teacher | Hill Country Middle School | August 2021 – Present

- Earned a Technology Application certificate for grades EC-12
- Developed curriculum and taught 4 different elective classes
 - Hill Country Television (HCTV) and Film with a focus on editing software Adobe Premiere, using cameras and related equipment, and building student led teams to complete more complex projects.
 - Computer Graphics, Web Design and Animation & Gaming. These classes taught students the basics of JavaScript, HTML, and CSS. The class also focused on how to identify information in coding, resources to support project work, and application for successful completion.

- Created the curriculum for all four classes using the Texas state TEKS.
- Participated in the Technology Committee every semester which established technological mandates for the entire school, and created lessons for how to implement new technology.

Coding Bootcamp | University of Texas at Austin | Septemeber 2022-March 2023

- Created a MERN stack application used as a coding kickstarter combining a scalable MongoDB back end, a GraphQL API, and an Express.js and Node.js server with a React front end implementing user authentication with JWT for a user-focused platform in 2 weeks with a team of 3-4.
- Created a front-end application using an API for food recipes and an API for drink recipes for users to pair them with while saving their data in a client-side storage for a simple user experience.
- Created weekly applications combing the skills learned from every week.

TSTV Volunteer/Producer | University of Texas AT Austin | 2016-2020

- Worked on the television show Video Game Hour Live (VGHL) first as a volunteer for two years, and as a producer for another two.
- As a producer I worked with a team of 7 that created a weekly 1-hour live television show for the two years of my tenure.
- Created 5-minute segments that were pre-recorded to air during the 1-hour live show.
- Worked on editing, sound, lighting, and camera direction.
- Created a schedule every week for segment production.
- Co-hosted VGHL podcast which involved planning, editing, and scheduling every week.

Skills

- Programing Languages: JavaScript, HTML, and CSS for understanding how websites are built.
- Front End Technology: React, and Apollo to connect to GraphQL and reuse components to save time
- Back End Technology: MySQL, Node.js, GraphQL, and Express to create, manage, and update databases.
- Office 360 Software: Microsoft Word, Excel, PowerPoint, and Outlook
- Agile practices to ensure projects are completed on time and within budget.
- Multidisciplinary Exposure to combine aspects of the field I am trained in to create innovation.
- Create lesson plans for multiple disciplines which are easy to understand and focused on user-experience.